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|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified)                                                                            | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>10449-028001 | Application No.<br>09/717,771 |
| <b>Information Disclosure Statement<br/>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR 1.98(b)) |                                                            | Applicant<br>Koji Hayashi             |                               |
|                                                                                                                   |                                                            | Filing Date<br>November 21, 2000      | Group Art Unit<br>2653        |

**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee    | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|-------------|-------|----------|----------------------------|
|                  | AA        | 5,317,553       | 05/31/94         | Ohga et al. |       |          |                            |

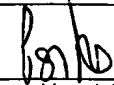
**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office                        | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|-------------------------------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                                                 |       |          | Yes         | No |
|                  | AB        | 63-52393        | 03/05/1988       | Japan                                           |       |          | X           |    |
|                  | AC        | 4-103079        | 04/06/1992       | Japan (corresponds to U.S. 5,317,553, enclosed) |       |          | X           |    |
|                  | AD        | 8-147879        | 06/07/1996       | Japan                                           |       |          | X           |    |
|                  | AE        | 11-331419       | 11/22/1999       | Japan                                           |       |          | X           |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

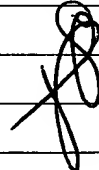
| Examiner Initial | Desig. ID | Document                                                                                                                                                                                                              |
|------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                  | AF        | Abstract for Japanese Patent No. JP1312736, Publication Date December 18, 1989, Title: Optical Disk Device and Optical Disk                                                                                           |
|                  | AG        | Abstract for Japanese Patent No. JP3260958, Publication Date: November 20, 1991, Title: Optical Disk Device                                                                                                           |
|                  | AH        | Abstract for Japanese Patent No. JP6076401, Publication Date: March 18, 1994, Title: Magneto-Optical Recording Method for Magneto-Optical Disk of Large Heat Time Constant, Recording Device and Magneto-Optical Disk |
|                  | AI        | Abstract for Japanese Patent No. JP6162511, Publication Date: June 10, 1994, Title: Recording Method for Optical Disk Employing Draw Type Disk Recording Device                                                       |
|                  | AJ        | Abstract for Japanese Patent No. JP10241165, Publication Date: September 11, 1998, Title: Pulse Generating Circuit and Optical Disc Driver                                                                            |
|                  | AK        | Yamada, A., "Declaration," 6 February 2004.                                                                                                                                                                           |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Examiner Signature<br>                                                                    | Date Considered<br>6/19/04 |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                            |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------------|--------------------------------------|
| Substitute Form PTO-1449<br>(Modified)<br><b>OFFICE OF THE<br/>         PATENT AND TRADEMARK OFFICE</b><br><b>MAY 06 2004</b><br>Information Disclosure Statement<br>by Applicant<br>(Use several sheets if necessary) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br><b>10449-028001</b> | Application No.<br><b>09/717,771</b> |
|                                                                                                                                                                                                                        |                                                            | Applicant<br><b>Koji Hayashi</b>             |                                      |
|                                                                                                                                                                                                                        |                                                            | Filing Date<br><b>November 21, 2000</b>      | Group Art Unit<br><b>2653</b>        |

**U.S. Patent Documents**

| Examiner Initial                                                                  | Desig. ID | Document Number | Publication Date | Patentee     | Class | Subclass | Filing Date If Appropriate |
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|  | AA        | 5,010,534       | 04/23/91         | Enari et al. |       |          |                            |
|                                                                                   | AB        | 5,477,516       | 12/19/95         | Takezawa     |       |          |                            |
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|                                                                                   | AD        |                 |                  |              |       |          |                            |
|                                                                                   | AE        |                 |                  |              |       |          |                            |
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|                                                                                   | AG        |                 |                  |              |       |          |                            |
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|                                                                                   | AK        |                 |                  |              |       |          |                            |

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**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
|                  | AL        |                 |                  |                          |       |          |             |    |
|                  | AM        |                 |                  |                          |       |          |             |    |
|                  | AN        |                 |                  |                          |       |          |             |    |
|                  | AO        |                 |                  |                          |       |          |             |    |
|                  | AP        |                 |                  |                          |       |          |             |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

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|------------------|-----------|----------|
|                  | AQ        |          |
|                  | AR        |          |
|                  | AS        |          |
|                  | AT        |          |

Examiner Signature



Date Considered

**6/14/04**

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.